

ABSTRACT OF THE DISCLOSURE

5 A thin-film magnetic head on a support includes an
electromagnetic transducer for writing, a
magnetoresistive device for reading, an overcoat layer
and a heating element. The transducer and
magnetoresistive device are disposed on the support.
The overcoat layer is disposed at the opposite side of
them from the support. The heating element is provided
in the overcoat layer and generates heat when energized.